

Need ID	Project Description/Funding Source	Phse	Apprn	FFY 05	FFY 06	Req'd Funding >FFY06
6087	Central Region: Safety Management & Engineering	2		265.0	265.0	
	Program management for support of HSIP activities.					
	Federal		SA	238.5	238.5	
	State			26.5	26.5	
	Other					
	Project Total			265.0	265.0	795.0
6462	Northern Region: Safety Management and Engineering	2		137.5	137.5	
	Program management for support of HSIP activities.					
	Federal		SA	123.8	123.8	
	State			13.8	13.8	
	Other					
	Project Total			137.5	137.5	397.5
7174	Southeast Region: Safety Management and Engineering	2		85.0	85.0	
	Program management for support of HSIP activities.					
	Federal		SA	76.5	76.5	
	State			8.5	8.5	
	Other					
	Project Total			85.0	85.0	0.0
6446	Statewide: Annual Planning Work Program	8		7,775.0	7,575.0	
	State Transportation Improvement Program (STIP) and State Transportation Plan, and area/regional plans preparation, data collection, and management systems are Federally required elements of this program.					
	Federal		PLNG	4,381.3	4,181.3	
	Federal		STP	2,068.1	2,068.1	
	State			1,325.6	1,325.6	
	Other					
	Project Total			7,775.0	7,575.0	17,700.0
6447	Statewide: Bridge Inventory, Inspection, Monitoring, Rehabilitation, and Replacement Program	2		3,330.0	2,550.0	
	Inspection of all bridges on public roads two-year cycle. The magnitude of structural deficiencies found during the inspection causes the subject bridge to be eligible for replacement or rehabilitation with federal highway bridge program funding.					
		4		10,151.7	9,697.0	
	Federal		BR	9,706.8	8,817.8	
	Federal		STP	1,226.4	1,114.1	
	State			2,548.4	2,315.1	
	Other					
	Project Total			13,481.7	12,247.0	36,741.0

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6454	Statewide: Bridge Management System	2		185.0	185.0	
	Development and implementation of management system for addressing bridge deficiencies on public roads.					
	Federal		BR	148.0	148.0	
	State			37.0	37.0	
	Other					
	Project Total			185.0	185.0	555.0
12579	Statewide: Bridge Scour Monitoring and Retrofit Program	8		320.0	320.0	
	Install monitoring and telemetry and/or construct physical scour countermeasures at State bridges identified as scour critical by the federally mandated Scour Evaluation Program.	2				
		4		300.0	300.0	
				880.0	880.0	
	Federal		STP	682.3	682.3	
	Federal		BR	600.0	600.0	
	State			217.7	217.7	
	Other					
	Project Total			1,500.0	1,500.0	450.0
18330	Statewide: Comprehensive Highway Safety Plan	8		500.0	300.0	
	Create a Strategic Highway Safety Plan that complies with expected language in the upcoming highway bill. The goal of the plan is to target safety funding to save the most lives and eliminate the most injuries per dollar spent. Under the plan, staff will analyze Alaska crash data, determine what crash patterns are susceptible to cost-effective correction, implement countermeasures to correct those problems, and monitor the effectiveness of those countermeasures. Safety countermeasures to be considered include education, enforcement, emergency services, legislation, and infrastructure improvements. A leadership group will be established to promote safe transportation, direct safety activities, and ensure that other safety-involved organizations are included in the process.					
	Federal		STP	454.9	272.9	
	State			45.2	27.1	
	Other					
	Project Total			500.0	300.0	0.0
6458	Statewide: Civil Rights Program	8		75.0	75.0	
	On the job training to provide training opportunities on construction jobs. Also, provides on-site construction review to assure compliance with Civil Rights laws.					
	Federal		STP	68.2	68.2	
	State			6.8	6.8	
	Other					
	Project Total			75.0	75.0	225.0

Need ID	Project Description/Funding Source	Phse	Apprn	FFY 05	FFY 06	Req'd Funding >FFY06
13239	Statewide: Culvert Repair or Replace Project	2		100.0	50.0	
	Repair or replacement of culverts that are barriers to safe fish passage. This annual project will identify culverts that are partial or full barriers to fish passage and take the appropriate corrective action.	4		525.0		
	Federal		STP	568.6	45.5	
	State			56.4	4.5	
	Other					
	Project Total			625.0	50.0	825.0
16551	Statewide: CVO Security System	8		986.6		
	Phase I Track Hazardous Material Cargo Table 1 & II on the Dalton Highway (\$405,000) Phase II Build an integrated control center and central repository. Develop data interfaces to CARS and CVISN (\$581,625)					
	Federal		ITS	493.3	0.0	
	Federal		STP	296.0	0.0	
	State			197.3	0.0	
	Other					
	Project Total			986.6	0.0	0.0
18643	CVISN Deployment	2				
	Tasks to be completed include an automated Vehicle Identification System on the Glenn Highway, Remote Video Monitoring systems at various locations and a system for remote operations on the Glenn Highway inbound weigh station. (STIP funds to match previously expended ITS earmark and state match.)	4		585.0		
	Federal		STP	585.0	0.0	
	State			0.0	0.0	
	Other					
	Project Total			585.0	0.0	0.0
18325	Statewide: Crash Data Transfer from Police Agencies, Department Operations, and the Public	8			400.0	
	Upgrade the crash data available to Department operations, police agencies, and the public. Includes streamlining electronic transfer of crash data from police agencies, graphical display of crash data through the Department's geographic information system (GIS) applications, and integration with other transportation data.					
	Federal		STP	0.0	363.9	
	State			0.0	36.1	
	Other					
	Project Total			0.0	400.0	0.0
18324	Statewide: Electronic Crash Web Enablement Form 12-200	8		400.0		
	Web enable the existing Alaska Motor Vehicle Collision Report Form 12-200, allowing secure submission of the forms electronically rather than paper forms. The application will interface with existing Division of Motor Vehicles databases. The project includes a detailed system design, development, and implementation.					
	Federal		STP	363.9	0.0	
	State			36.1	0.0	
	Other					
	Project Total			400.0	0.0	0.0

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18079	Statewide: Emergency Bridge Replacement	4		800.0		
	The "Highway Bridge Incident Management Plan" has identified the need to stockpile at least enough components to span up to 200'.					
	Federal		STP	727.8	0.0	
	State			72.2	0.0	
	Other					
	Project Total			800.0	0.0	0.0
18323	Statewide: Functional Classification Review	8		400.0		
	Conduct a statewide review of the functional classification of Alaska's surface transportation network (land and marine). Functional classification will be evaluated in a coordinated effort among state, federal, and local agencies according to guidelines contained in the Federal Highway Administration (FHWA) Manual, Highway Functional Classification - Concepts, Criteria, and Procedures. The Department will recommend to FHWA the functional classification of all roads in Alaska, minor collector and above.					
	Federal		STP	363.9	0.0	
	State			36.1	0.0	
	Other					
	Project Total			400.0	0.0	0.0
18647	Statewide: Gas Pipeline NHS Needs Review	8				
	Planning project to identify Stranded Gas Development Act (SGDA) priorities.					
	Federal		STP	0.0	0.0	
	State			0.0	0.0	
	Other					
	Project Total			0.0	0.0	0.0
17264	Statewide: Geographic Information Systems (GIS) Development	8		500.0	300.0	
	Upgrade the Department's transportation data and GIS capabilities to: develop a HAS-GIS interface to improve data distribution; establish HAS as a foundation for linear reference based GIS; collect requisite Roadlog and road centerline data.					
	Federal		STP	454.9	272.9	
	State			45.2	27.1	
	Other					
	Project Total			500.0	300.0	0.0
7179	Statewide: Highway Data Equipment Acquisition and Installation	2		20.0	20.0	
	State Traffic Monitoring System for Highway (TMS/H): Traffic data collection equipment purchase and installation; and, TMS/H software development and implementation.	3				
		4		2,870.0	970.0	
	Federal		STP	2,629.0	900.6	
	State			261.0	89.4	
	Other					
	Project Total			2,890.0	990.0	2,970.0

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12979	Statewide: Highway Fuel Tax Evasion	4		100.0	100.0	
	A continuing program to enforce the collection of motor fuel taxes in compliance with federal law.					
	Federal		STP/F	100.0	100.0	
	State			0.0	0.0	
	Other					
	Project Total			100.0	100.0	300.0
6027	Statewide: Highway Safety Improvement Program (HSIP)	2		1,879.0	1,350.0	
	Evaluation, design, and construction of projects to address safety concerns on the Alaskan roadway system.	3		325.0	357.0	
		7		464.0	438.0	
		4		9,872.0	10,581.0	
	Federal		SA	3,780.0	3,780.0	
	Federal		SA 402	8,340.0	8,576.0	
	State			420.0	370.0	
	Other					
	Project Total			12,540.0	12,726.0	18,900.0
18002	Statewide: Initiative for Accelerated Infrastructure Development	8		300.0		
	Partnership between the State, the Denali Commission and the USDA in developing a community profile mapping program to produce community profile maps for approximately 200 communities throughout Alaska over the next five years.					
	Federal		STP	272.9	0.0	
	State			27.1	0.0	
	Other					
	Project Total			300.0	0.0	300.0
16901	Statewide: Intelligent Transportation Systems Implementation Plan (IWAYS)	2		330.0	330.0	
	Design and construct projects that are part of the Alaska IWAYS Architecture Implementation (A12). Projects include advance technology for snow & Ice Removal, Multi-Modal Information Connections, Traveler Communications, Internal Operation and Commercial Vehicle Operations.	3		10.0	10.0	
		7		150.0	150.0	
		4		2,975.0	1,175.0	
	Federal		ITS			
	Federal		STP	3,152.1	1,514.7	
	State			312.9	150.3	
	Other					
	Project Total			3,465.0	1,665.0	3,330.0

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17081	Statewide: Intelligent Transportation Systems Operations & Maintenance (IWAYS)	2		150.0	150.0	
	Operations and maintenance and complete full deployment of existing ITS projects that are part of the Alaska Iways Architecture Implementation plan. Project include advanced technology for snow & ice removal, multi-modal information connections, traveler communications, internal operations and commercial vehicle operations.	3		10.0	10.0	
		7		75.0	75.0	
		4		587.5	587.5	
	Federal		ITS			
	Federal		STP	748.2	748.2	
	State			74.3	74.3	
	Other					
	Project Total			822.5	822.5	2,467.5
16554	Statewide: Land Mobile Radio System, Phase 2 (IWAYS)	8				
	Further acquisition of Base Station Towers for highway maintenance & operations.	7				
		4				
	Federal		ITS	0.0	0.0	
	Federal		STP	0.0	0.0	
	State			0.0	0.0	
	Other					
	Project Total			0.0	0.0	0.0
15839	Statewide: Maintenance Managment System	8		1,589.0	692.0	
	The Maintenance Managment System will automate time sheet reporting, tracking of budget expenditures, work planning, deferred maintenance, forecast budget requirements, and track the level of service provided to the public.					
	Federal		STP	1,445.5	629.5	
	State			143.5	62.5	
	Other					
	Project Total			1,589.0	692.0	2,519.0
18648	Statewide: Material Site Investigations	8		500.0	1,500.0	
	Ongoing program to identify future material sites and harder stone sources to achieve longer-lived pavements.					
	Federal		STP	454.9	1,364.6	
	State			45.2	135.5	
	Other					
	Project Total			500.0	1,500.0	1,000.0

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18329	Statewide: Milepost and Destination Signs	2		105.0		
	Furnish and install new milepost and destination signs.	4		1,250.0		
	Federal		STP	1,232.6	0.0	
	State			122.4	0.0	
	Other					
	Project Total			1,355.0	0.0	0.0
6452	Statewide: National Highway Institute and Transit Institute Training	8		350.0	350.0	
	Technical training in engineering, planning, and administration related to federal highway and transit programs and funding.					
	Federal		STP	318.4	318.4	
	State			31.6	31.6	
	Other					
	Project Total			350.0	350.0	1,050.0
14599	Statewide: NEPA and Permit Streamlining Participation	2		175.0	175.0	
	Integration of regulatory permitting and NEPA requirements that govern Federal aid project development into one concise process. This integration will facilitate early and full participation by all relevant agencies necessary for project approval and reimburse agencies for the increased cost to comply with the environmental streamlining provisions of TEA-21					
	Federal		STP	159.2	159.2	
	State			15.8	15.8	
	Other					
	Project Total			175.0	175.0	525.0
18078	Statewide NHS and Non NHS Anti-icing Program	8		900.0	900	
	This annual project would provide deployment of anti-icing throughout the state by purchasing equipment, storage and product.					
	Federal		STP	818.7	818.7	
	State			81.3	81.3	
	Other					
	Project Total			900.0	900.0	2,400.0
17968	Statewide: NHS and Non NHS Pavement and Bridge Refurbishment	all		47,750.0	42,700.0	
	Crack sealing, surface treatment drainage, signage, guardrail, illumination and other refurbishments to prolong the life of road pavement and bridges and their safety related structures. Project includes NHS Lane Delineators, Destination & Distance Signing, Statewide: Non NHS Pavement Markings and Signalization, Statewide: Abandoned Vehicle Program, Statewide Road Surfacing and Transfer and Statewide Road Surface Treatments.					
	Federal		STP	36,922.4	33,017.6	
	Federal		NHS	6,515.7	5,826.6	
	State			4,311.8	3,855.8	
	Other					
	Project Total			47,750.0	42,700.0	136,050.0

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6154	Statewide: Public Transportation Social Service Van Replacement/Transportation Program	4		550.0	550.0	
	Provide funding to public and private transportation providers for capital needs identified in the state's Public Transportation Management System and for coordinated systems and services projects.					
	Federal		STP	500.3	500.3	
	State			49.7	49.7	
	Other					
	Project Total			550.0	550.0	1,800.0
6451	Statewide: Research Program	8		1,850.0	1,850.0	
	Special studies are selected by the Statewide Research Board for funding through this federal highway program. Example: reduction in roadway surface wear caused by studded snow tires.					
	Federal		PLNG	1,480.0	1,480.0	
	State			370.0	370.0	
	Other					
	Project Total			1,850.0	1,850.0	5,550.0
6449	Statewide: Safety Management System / HSIP Mgt. & Eng.	2		300.0	300.0	
	Safety Management System, as outlined in the Transportation Equity Act for the 21st Century (TEA-21), develops a method of selecting safety projects based on analysis and objective criteria.					
	Federal		SA	270.0	270.0	
	State			30.0	30.0	
	Other					
	Project Total			300.0	300.0	900.0
18327	Statewide: School Zone Crossing Improvements	2		334.0		
	Evaluate, design, and enhance school zone crossing traffic devices to meet new requirements contained in the Alaska Traffic Manual. This project includes 45 Southeast Region schools, 48 Central Region schools, and 25 Northern Region schools.	3		65.0		
		7				
		4			2,982.0	
	Federal		STP	363.0	2,712.7	
	State			36.0	269.3	
	Other					
	Project Total			399.0	2,982.0	0.0
6457	Statewide: Seismic Retrofit - Bridges	2		350.0	350.0	
	Structural enhancements to bridges that are determined to be insufficient in earthquake zones.	3		25.0	25.0	
		7		25.0	25.0	
		4		2,000.0	2,000.0	
	Federal		BR	1,920.0	1,920.0	
	State			480.0	480.0	
	Other					
	Project Total			2,400.0	2,400.0	7,200.0

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6455	Statewide: Small USGS Hydrologic Investigations	2		38.0	38.0	
	Ad hoc studies in locations in cooperation with the US Geological Survey to analyze hydrologic conditions.					
	Federal		STP	34.6	34.6	
	State			3.4	3.4	
	Other					
	Project Total			38.0	38.0	114.0
6448	Statewide: Urban Planning Program	8		1,175.0	1,100.0	
	Federal highway program funding for local government planning and special studies including AMATS and FMATS. Preparation of the Anchorage Transportation Improvement Program (AMATS-TIP) and Fairbanks Transportation Improvement Program (FMATS-TIP) is a required element of this program.					
	Federal		URPL	993.9	1,000.7	
	Federal		STP	68.2		
	State			112.9	99.3	
	Other					
	Project Total			1,175.0	1,100.0	3,300.0
6450	Statewide: USGS Flood Frequency Analysis	2		425.0	447.0	
	Cooperative effort with the US Geological Survey to collect data on water levels. It supports designs of bridges, primarily, but can also be used in design of road reconstruction.					
	Federal		STP	386.6	406.6	
	State			38.4	40.4	
	Other					
	Project Total			425.0	447.0	1,478.0
	Program Total			108,174.3	95,407.0	249,842.0